Pushing Performance
Since 1945

Han K4/4-F 6-16mm² Finger prot



Image is for illustration purposes only. Please refer to product description.

Part number	09 38 008 2701
Specification	Han K4/4-F 6-16mm² Finger prot
HARTING eCatalogue	https://harting.com/09380082701

Identification

Category	Inserts
Series	Han-Com®
Identification	Han® K 4/4

Version

Termination method	Axial screw termination / cage-clamp termination
Gender	Female
Size	10 B
Number of contacts	8
Number of signal contacts	4
Number of power contacts	4
PE contact	Yes
Details	Finger safe

Technical characteristics

Conductor cross-section (mm²)	6 ... 16 mm² Power 0.14 ... 2.5 mm² Signal
Wire outer diameter	≤8.9 mm
Rated current (signal)	16 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	63 A

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Technical characteristics

Rated voltage (power)	690 V
Rated impulse voltage (power)	8 kV
Pollution degree (power)	3
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	230 V
Rated current acc. to UL (Power)	63 A
Rated voltage acc. to UL (Power)	600 V
Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	230 V
Rated current acc. to CSA (Power)	63 A
Rated voltage acc. to CSA (Power)	600 V
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤0.5 mΩ
Contact resistance, signal area	≤3 mΩ
Stripping length	11 ... 12 mm 7 ... 9 mm Signal
Tightening torque	2 Nm @ 6 mm² 3 Nm @ 10 mm² 4 Nm @ 16 mm²
Recommended screw driver	Slotted 0.8 x 4.5 PH2
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained

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Material properties

REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	109 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140056312
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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